CLAIMS

- 1. A cellulase having (1) an amino acid sequence in which a 162nd amino acid and/or a 166th amino acid in the amino acid sequence of SEQ ID NO: 1 are substituted, or (2) an amino acid sequence in which one or plural amino acids are added to or deleted from the N-terminus of the amino acid sequence (1).
- 2. The cellulase according to claim 1 having the amino acid sequence of SEQ ID NO: 3.
- 3. The cellulase according to claim 1, wherein the amino acid at the 166th position is substituted with glutamic acid or aspartic acid.
- 4. The cellulase according to claim 3 having the amino acid sequence of SEQ ID NO: 4.
- 5. A cellulase having the amino acid sequence of SEQ ID NO: 5.
- 6. A polynucleotide encoding the cellulase according to any one of claims 1 to 5.
- 7. An expression vector comprising the polynucleotide according to claim 6.
- 8. A host cell transformed with the expression vector according to claim 7.
- 9. A process for producing the cellulase according to any one of claims 1 to 5, comprising the steps of: cultivating the host cell according to claim 8, and collecting the cellulase from the host cell and/or culture obtained by the cultivation.
- 10. A cellulase preparation comprising the cellulase according to any one of claims 1 to 5.
- 11. A washing composition comprising the cellulase according to any one of claims 1 to 5 or the cellulase preparation according to claim 10.
- 12. A method of treating a cellulose-containing fabric,

comprising the step of bringing the cellulose-containing fabric into contact with the cellulase according to any one of claims 1 to 5, the cellulase preparation according to claim 10, or the washing composition according to claim 11. 13. A method of reducing fuzzing of a cellulose-containing fabric or reducing a rate of the formation of fuzz, comprising the step of bringing the cellulose-containing fabric into contact with the cellulase according to any one of claims 1 to 5, the cellulase preparation according to claim 10, or the washing composition according to claim 11. 14. A method of reducing weight to improve the touch and appearance of a cellulose-containing fabric, comprising the step of bringing the cellulose-containing fabric into contact with the cellulase according to any one of claims 1 to 5, the cellulase preparation according to claim 10, or the washing composition according to claim 11. 15. A method of color clarification of a colored cellulosecontaining fabric, comprising the step of bringing the colored cellulose-containing fabric into contact with the cellulase according to any one of claims 1 to 5, the cellulase preparation according to claim 10, or the washing composition according to claim 11.

- 16. A method of providing a localized color variation to colored cellulose-containing fabric, comprising the step of bringing the colored cellulose-containing fabric into contact with the cellulase according to any one of claims 1 to 5, the cellulase preparation according to claim 10, or the washing composition according to claim 11.
- 17. A method of reducing stiffness of a cellulose-containing fabric or reducing a rate of the formation of stiffness, comprising the step of bringing the cellulose-containing fabric into contact with the cellulase according to any one of claims 1 to 5, the cellulase preparation according to claim 10, or the washing composition according to claim 11.

- 18. The method according to any one of claims 12 to 17, wherein the treatment of the fabric is carried out by soaking, washing, or rinsing the fabric.
- 19. A method of deinking waste paper, comprising the step of treating the waste paper with the cellulase according to any one of claims 1 to 5 or the cellulase preparation according to claim 10 together with a deinking agent.
- 20. A method of improving a freeness of paper pulp, comprising the step of treating the paper pulp with the cellulase according to any one of claims 1 to 5 or the cellulase preparation according to claim 10.
- 21. A method of improving a digestibility of animal feed, comprising the step of treating a cellulose-containing fabric with the cellulase according to any one of claims 1 to 5 or the cellulase preparation according to claim 10.